

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061209.D
 Acq On : 15 May 2024 17:02
 Operator : MA/JU
 Sample : P2470-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TPG

Quant Time: May 15 17:43:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	24275	20.000	ng	-0.03
21) Naphthalene-d8	10.721	136	91739	20.000	ng	-0.04
39) Acenaphthene-d10	14.558	164	71857	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	174657	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	179051	20.000	ng	-0.03
86) Perylene-d12	24.693	264	212298	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	124453	104.266	ng	-0.02
7) Phenol-d6	7.107	99	148489	84.095	ng	-0.03
23) Nitrobenzene-d5	9.087	82	140454	75.896	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	172753	120.277	ng	-0.03
45) 2-Fluorobiphenyl	13.177	172	386082	79.450	ng	-0.03
79) Terphenyl-d14	19.928	244	984799	91.474	ng	-0.03

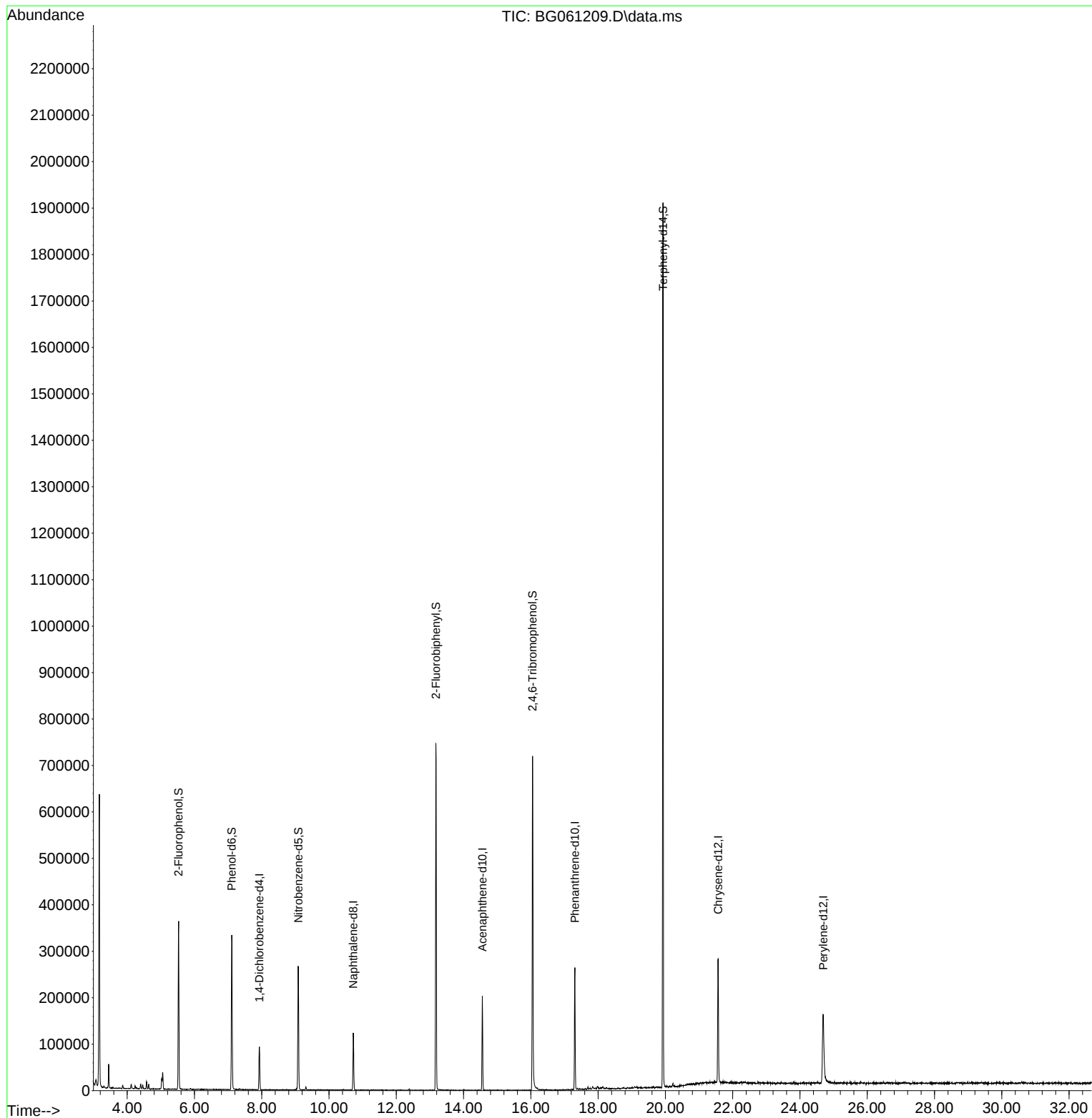
Target Compounds	Qvalue

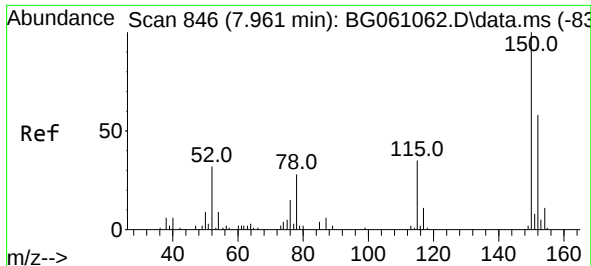
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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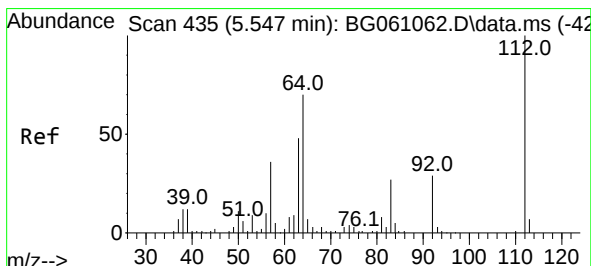
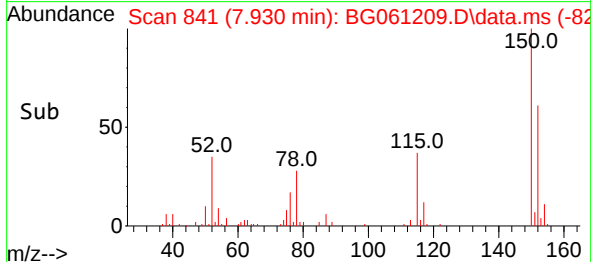
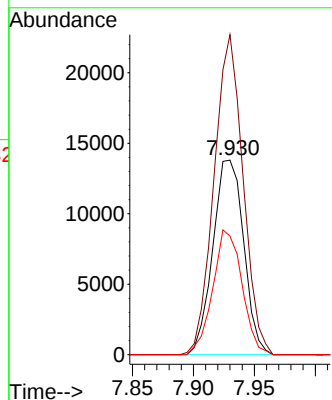
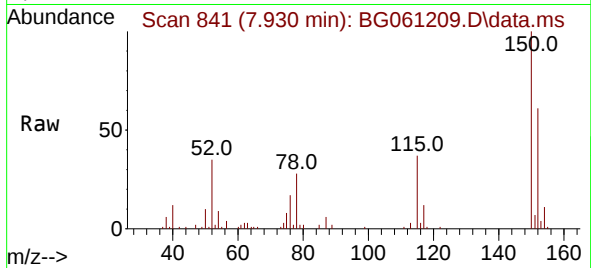




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 841
Delta R.T. -0.031 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

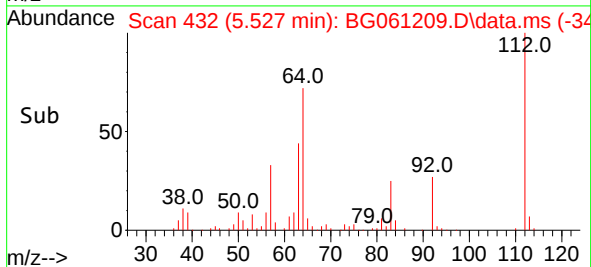
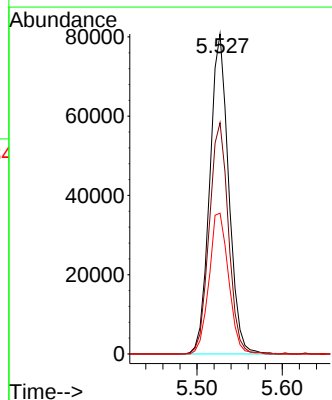
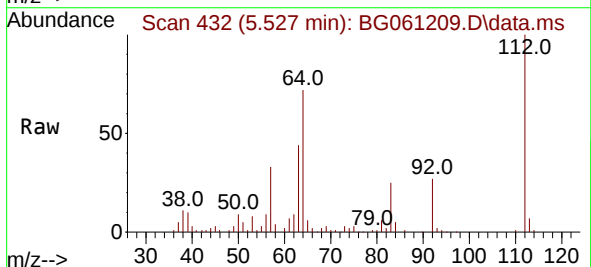
Instrument :
BNA_G
ClientSampleId :
WCS-TPG

Tgt Ion:152 Resp: 24275
Ion Ratio Lower Upper
152 100
150 164.4 138.3 207.5
115 60.9 48.0 72.0



#5
2-Fluorophenol
Concen: 104.266 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

Tgt Ion:112 Resp: 124453
Ion Ratio Lower Upper
112 100
64 72.3 55.7 83.5
63 44.0 38.1 57.1

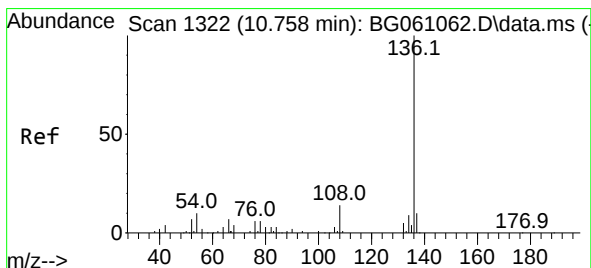
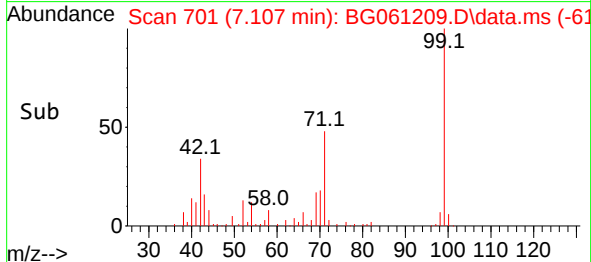
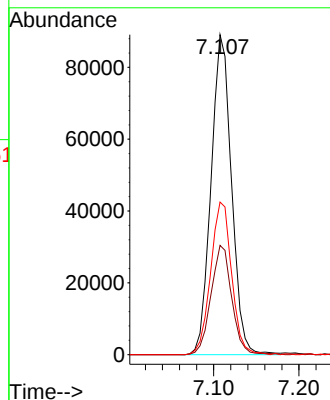
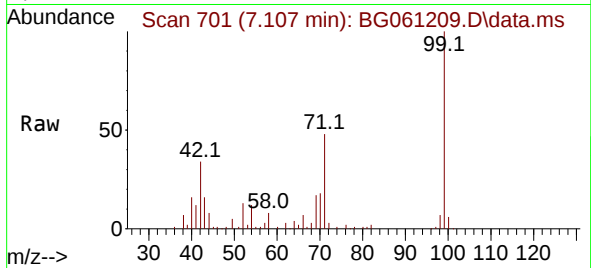




#7
Phenol-d6
Concen: 84.095 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.025 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

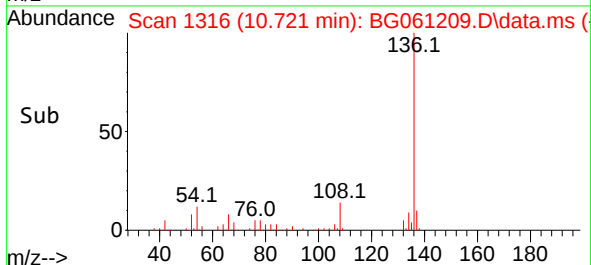
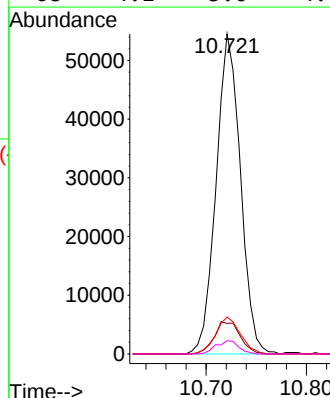
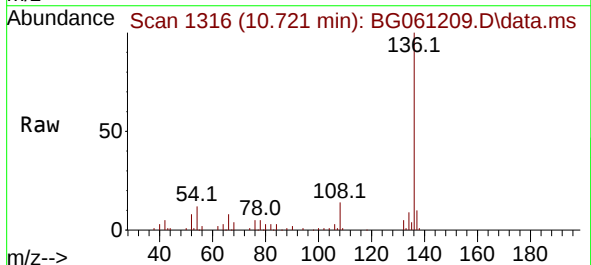
Instrument :
BNA_G
ClientSampleId :
WCS-TPG

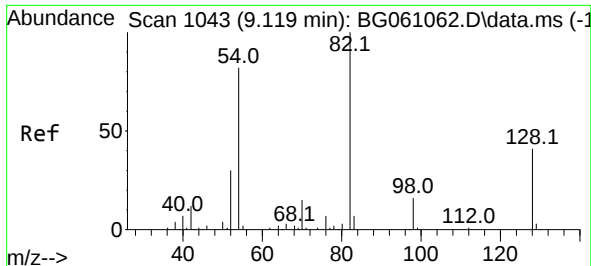
Tgt Ion: 99 Resp: 148489
Ion Ratio Lower Upper
99 100
42 34.1 29.2 43.8
71 47.7 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1316
Delta R.T. -0.037 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

Tgt Ion:136 Resp: 91739
Ion Ratio Lower Upper
136 100
137 9.6 7.8 11.6
54 11.6 8.1 12.1
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 75.896 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.031 min

Lab File: BG061209.D

Acq: 15 May 2024 17:02

Instrument :

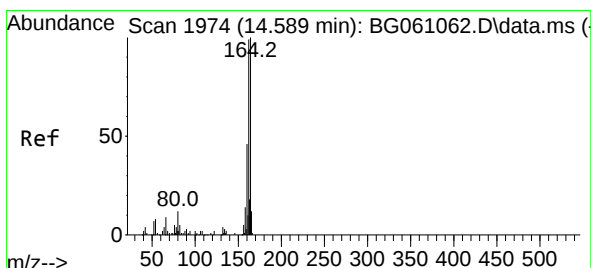
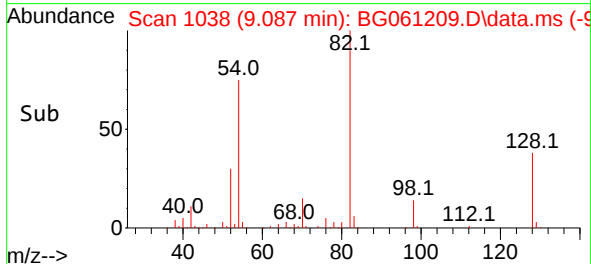
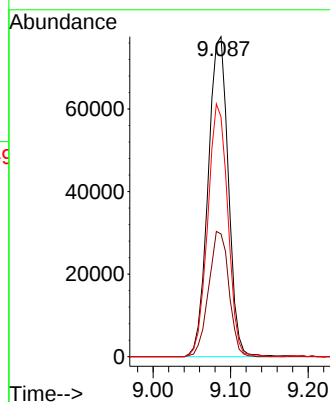
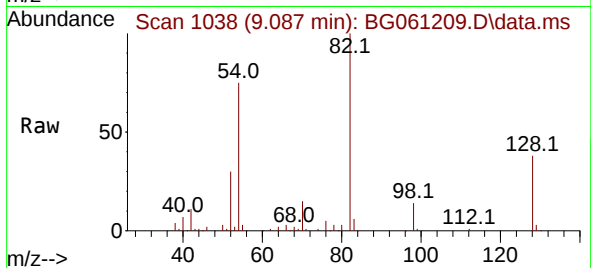
BNA_G

ClientSampleId :

WCS-TPG

Tgt Ion: 82 Resp: 140454

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.7	49.1
54	74.9	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.558 min Scan# 1969

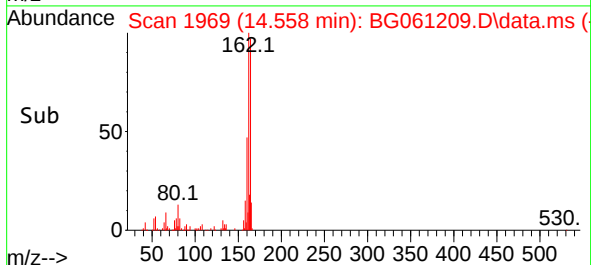
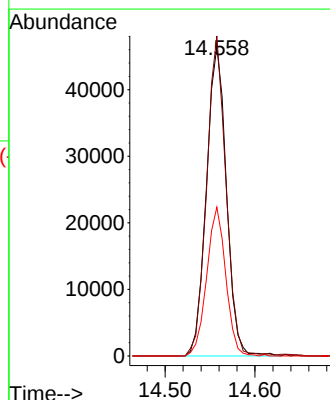
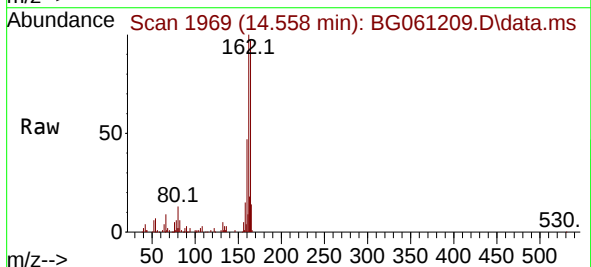
Delta R.T. -0.031 min

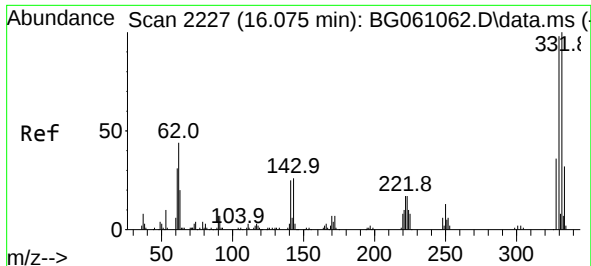
Lab File: BG061209.D

Acq: 15 May 2024 17:02

Tgt Ion:164 Resp: 71857

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.4	119.2
160	48.2	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 120.277 ng

RT: 16.050 min Scan# 21

Delta R.T. -0.025 min

Lab File: BG061209.D

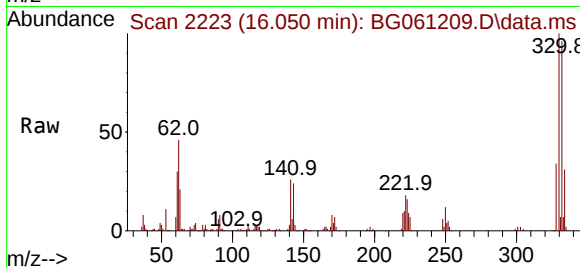
Acq: 15 May 2024 17:02

Instrument :

BNA_G

ClientSampleId :

WCS-TPG



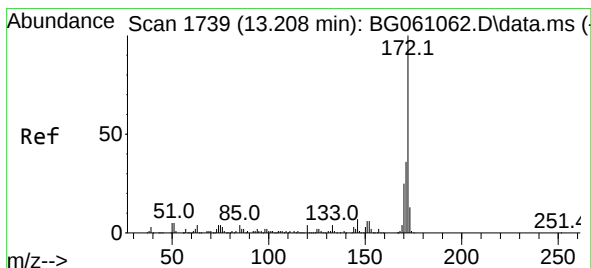
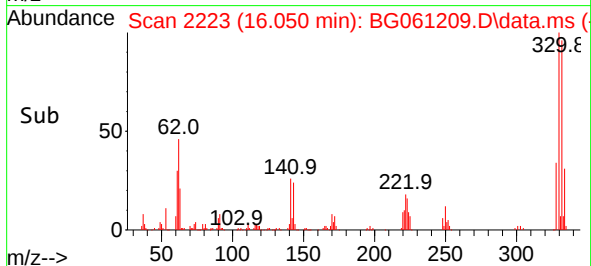
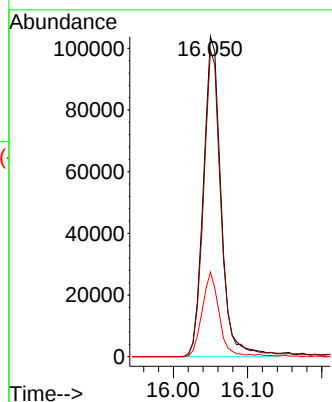
Tgt Ion:330 Resp: 172753

Ion Ratio Lower Upper

330 100

332 96.1 78.6 117.8

141 25.6 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 79.450 ng

RT: 13.177 min Scan# 1734

Delta R.T. -0.031 min

Lab File: BG061209.D

Acq: 15 May 2024 17:02

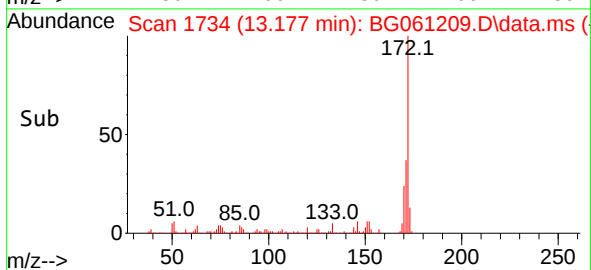
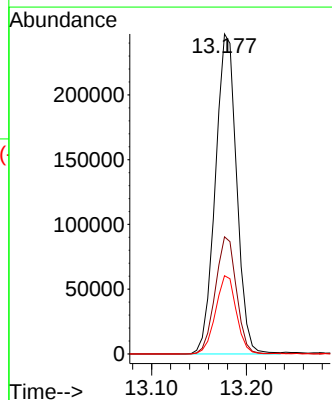
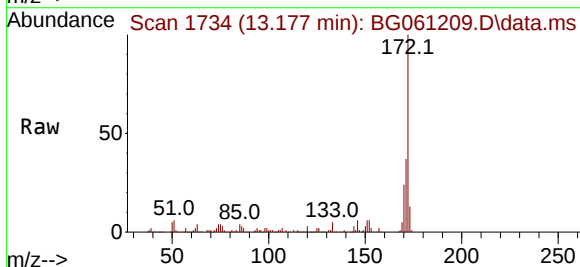
Tgt Ion:172 Resp: 386082

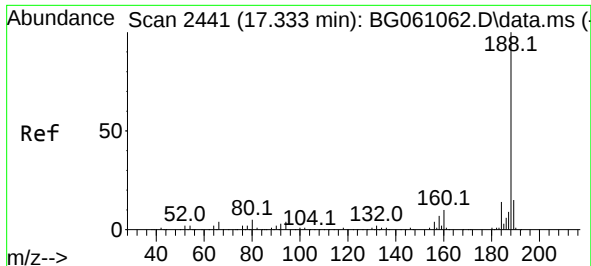
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 24.5 20.2 30.4

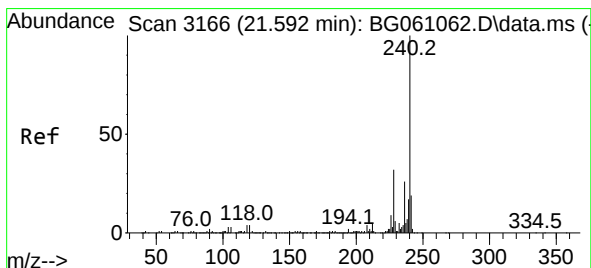
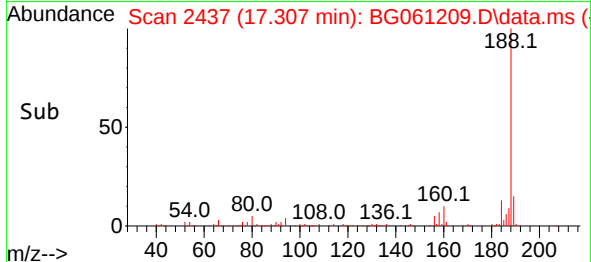
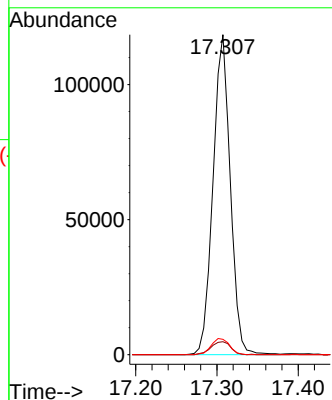
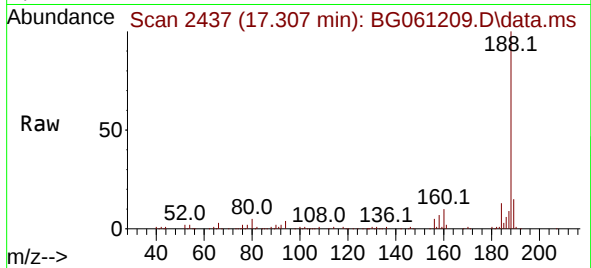




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.025 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

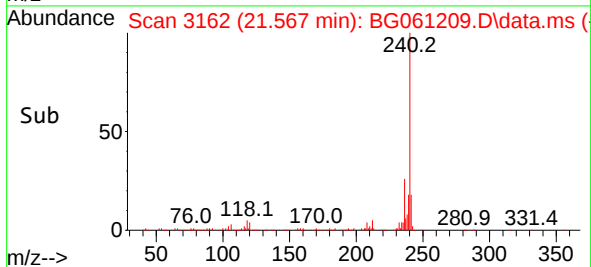
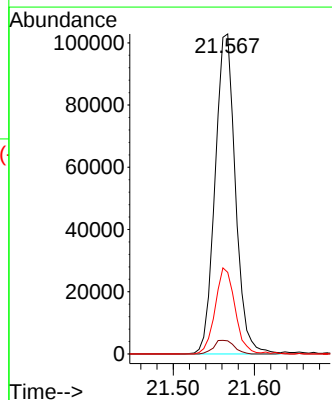
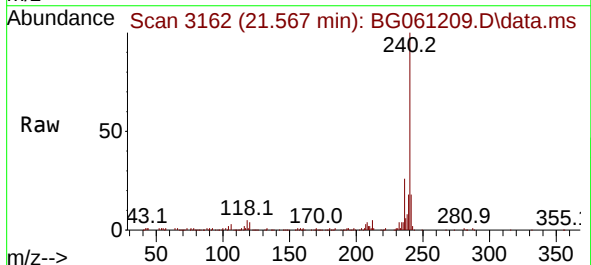
Instrument :
BNA_G
ClientSampleId :
WCS-TPG

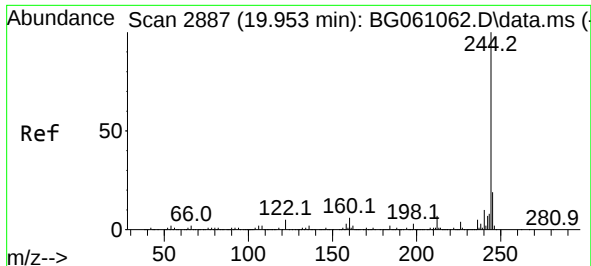
Tgt Ion:188 Resp: 174657
Ion Ratio Lower Upper
188 100
94 4.1 3.6 5.4
80 4.8 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.025 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

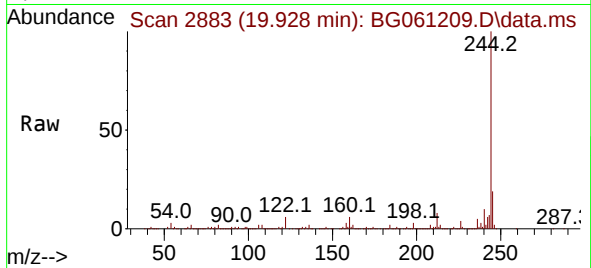
Tgt Ion:240 Resp: 179051
Ion Ratio Lower Upper
240 100
120 4.1 3.2 4.8
236 25.5 21.0 31.6



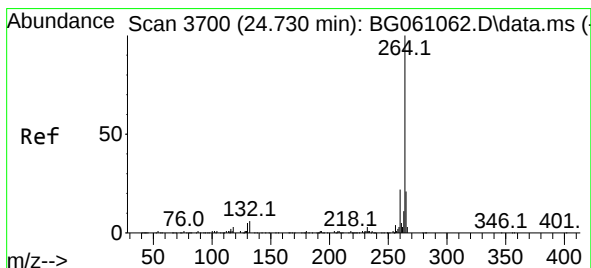
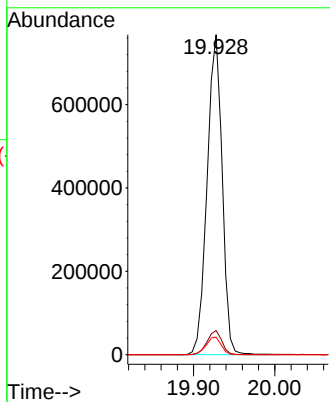
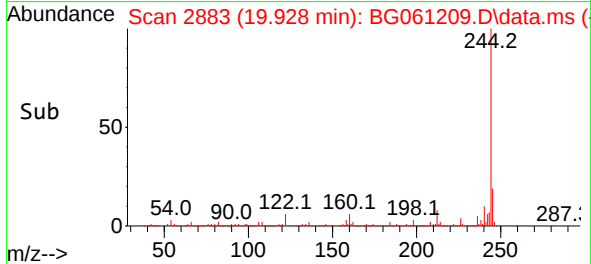


#79
Terphenyl-d14
Concen: 91.474 ng
RT: 19.928 min Scan# 21
Delta R.T. -0.025 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

Instrument :
BNA_G
ClientSampleId :
WCS-TPG



Tgt Ion:244 Resp: 984799
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.5 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.693 min Scan# 3694
Delta R.T. -0.037 min
Lab File: BG061209.D
Acq: 15 May 2024 17:02

Tgt Ion:264 Resp: 212298
Ion Ratio Lower Upper
264 100
260 23.1 17.7 26.5
265 23.4 16.4 24.6

